

Converting Colors

CIELCh(90, 26.559, 217.128)

Have a look what the booklet for
CIELCh(90, 26.559, 217.128)
contains.

CIELCh(90, 26.400, 216.420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(90, 26.400, 216.420)

Conversions

Conversions Part 1

Format	Color
Hex	9CEFFF
RGB	156, 239, 255
RGB Percent	61%, 94%, 100%
CMY	0.3867, 0.0613, 0.0000
CMYK	0.39, 0.06, 0.00, 0.00
HSL	190°, 100%, 81%
HSV	190°, 39%, 100%
XYZ	62.8709, 76.3034, 106.3426
YIQ	216.0070, -54.6040, -12.6200

Conversions

Conversions Part 2

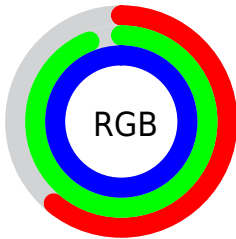
Format	Color
RYB	156, 201, 255
Decimal	10285055
CIELab	90.00, -21.24, -15.67
CIElCh	90, 26.400, 216.420
Yxy	76.3034, 0.2561, 0.3108
Android (android.graphics.Color)	4288475135 (0xFF9CEFFF)
YUV	216.0070, 19.2235, -52.6261
Hunter-Lab	87.3518, -24.3913, -11.0337

Details

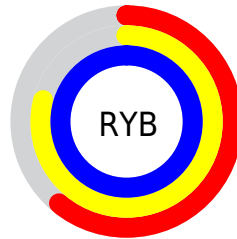
The CIELCh color **90, 26.400, 216.420** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 35.172, 35.582**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.731, 198.590**, and **70, 26.417, 215.866** is the 20% darker color. If you saturate the color by 10%, you get **88, 31.557, 216.780**, and if you desaturate by 10%, it is **92, 20.391, 215.431**.

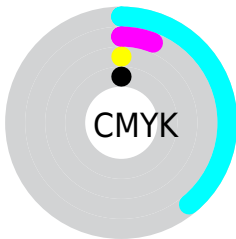
Distribution



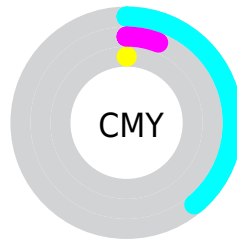
- Red (61%)
- Green (94%)
- Blue (100%)



- Red (61%)
- Yellow (79%)
- Blue (100%)



- Cyan (39%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (39%)
- Magenta (6%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 26.400, 216.420 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 90, 26.400, 216.420 by changing the saturation by 10% instead.


 90, 26.400,
216.420


 90, 26.400,
216.420


 100, 26.400,
216.420


 80, 26.400,
216.420

 70, 26.400,
216.420

 60, 26.400,
216.420

 50, 26.400,
216.420

 40, 26.400,
216.420

 30, 26.400,
216.420

 20, 26.400,

216.420

■ 10, 26.400,
216.420

■ 0, 26.400, 216.420

■ 90, 26.400,
216.420

■ 90, 26.400,
216.420

■ 88, 31.557,
216.780

■ 92, 20.391,
215.431

■ 86, 35.850,
217.890

■ 95, 13.752,
215.089

■ 84, 39.169,
219.377

■ 98, 6.575, 214.940

■ 82, 41.489,
221.313

100, 0.012,
296.813

■ 81, 42.865,
223.764

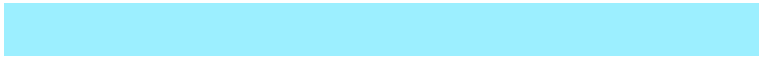
■ 80, 43.477,
226.745

■ 79, 43.539,
227.158

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



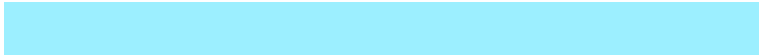
90, 26.400, 216.420



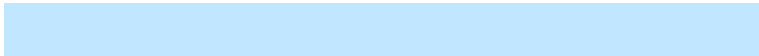
78, 35.172, 35.582

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 26.400, 216.420



90, 26.400, 266.420



90, 26.400, 36.420



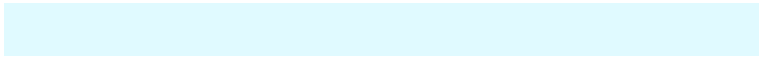
90, 26.400, 86.420

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90, 26.367, 215.980



97, 9.014, 214.965



92, 55.371, 145.722



51, 5.957, 214.982



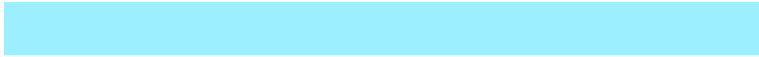
0, 0.000, 0.000



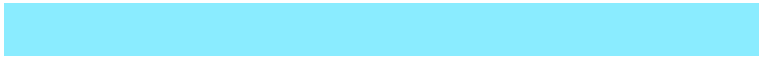
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 26.367, 215.980



88, 30.253, 216.538



77, 35.490, 276.348



52, 4.300, 214.943



61, 35.072, 226.558



20, 16.190, 222.443

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77, 55.086, 331.544



73, 64.811, 332.025



89, 36.059, 84.637



50, 8.118, 329.667



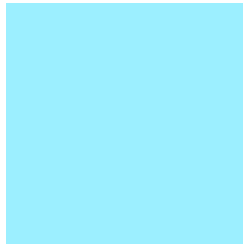
44, 82.228, 335.749



12, 38.388, 334.703

Previews

White Background



This preview shows how the CIE LCh color 90, 26.400, 216.420 looks on a white background.

Color Contrast Check

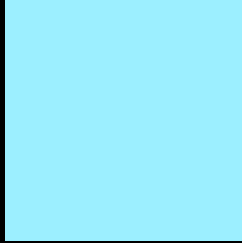
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 90, 26.400, 216.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

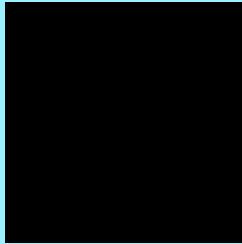
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 26.400, 216.420

Background



This preview shows how black text looks on a background with the CIELCh color 90, 26.400, 216.420.

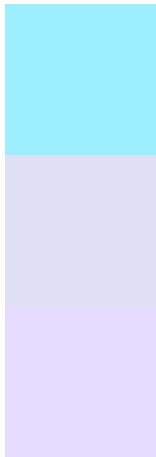


This preview shows how white text looks on a background with the CIELCh color 90, 26.400, 216.420.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


90, 26.400, 216.420

Protanopia

90, 10.932, 291.068

Deuteranopia

90, 18.616, 302.132

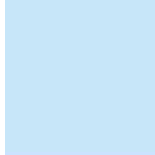


Tritanopia
90, 23.780, 220.072

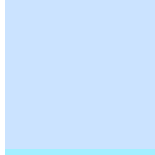
Trichromacy



Original Color
90, 26.400, 216.420



Protanomaly
90, 14.035, 243.891



Deuteranomaly
89, 16.364, 262.500

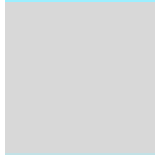


Tritanomaly
90, 24.667, 217.867

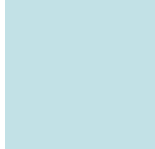
Monochromacy



Original Color
90, 26.400, 216.420



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 10.850, 212.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 26.400, 216.420 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(156, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 239, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(156, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 239, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 26.400, 216.420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 239, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(156, 239, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(156, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 239, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 239, 255); box-shadow:4px 4px 4px 4px rgb(156, 239, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 26.400, 216.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 239, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(156,  
239, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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